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Serial No. 10/521,125
Examiner: Ohumide T. Ajibade Akonai

AMENDMENT IN THE CLAIMS

1 - 15 (previously canceled).

16 - 20 (canceled).

21 - 24 (previously canceled).

25 - 27 (canceled).

28. (currently amended). A system for enabling communications between a mobile unit and a network over an air interface, wherein the network and interface are based on first and second incompatible protocols, respectively, and wherein the mobile unit is compatible with both protocols, the system comprising:

a call controller inherited directly from the network and adapted for using the first protocol;

a mobility manager inherited directly from the network and adapted for using the first protocol and accessible to the call controller; at least a portion of a base station inherited directly from the interface and adapted for using the second protocol;

a message converter accessible to the call controller and the base station portion, wherein the message converter is adapted to convert information compatible with the first or second protocol into information compatible with the other protocol; and

said message converter including a plurality of instructions, said instructions including: an instruction for receiving a first message based on the first protocol from the network; an instruction for inserting the first message in its entirety into a single variable length field of a second message compatible the second protocol; an instruction for

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receiving a third message based on the second protocol from the interface; and an instruction for extracting a fourth message compatible with the first protocol from a single variable length field of the third message.

29. (previously presented) The system of claim 28 wherein the first protocol is a Global System for Mobile communications (GSM) protocol and wherein the second protocol is a code division multiple access (CDMA) protocol.

30. (currently amended) The system of claim 28 wherein the second protocol is a Global System for Mobile ~~Th~~ communications (GSM) protocol and wherein the first protocol is a code division multiple access (CDMA) protocol.

31. (currently amended) A system for enabling communications between a mobile unit and a network over an air interface, wherein the network and interface are based on first and second incompatible protocols, respectively, and wherein the mobile unit is compatible with both protocols, the system comprising:

a call controller inherited directly from the network and adapted for using the first protocol;

a mobility manager inherited directly from the network and adapted for using the first protocol and accessible to the call controller; at least a portion of a base station inherited directly from the interface and adapted for using the second protocol;

a message converter accessible to the call controller and the base station portion, wherein the message converter is adapted to convert information compatible with the first or second protocol into information compatible with the other protocol; and

said message converter including a plurality of instructions, said instructions including: an instruction for receiving a first message based on the first protocol from the

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network; an instruction for inserting the first message in its entirety into a single variable length field of a second message compatible the second protocol; an instruction for receiving a third message based on the second protocol from the interface; an instruction for extracting a fourth message compatible with the first protocol from a single variable length field of the third message; and an instruction for converting the third message into a fifth message compatible with the first protocol if the third message does not contain the fourth message.

32. (previously presented) The system of claim 31 wherein the first protocol is a Global System for Mobile communications (GSM) protocol and wherein the second protocol is a code division multiple access (CDMA) protocol.

33. (currently amended) The system of claim 31 wherein the second protocol is a Global System for Mobile ~~Th~~ communications (GSM) protocol and wherein the first protocol is a code division multiple access (CDMA) protocol.